

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6161767").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/22 10:49
S2	990	(236/94).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/01/22 10:50
S3	286	S2 and thermostat	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:50
S4	19	S3 and (vehicle or engine)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:50
S5	2	S4 and abnormal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:51
S6	21	S3 and abnormal	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:51
S7	1155	(165/11.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:51
S8	10	S7 and thermostat and (vehicle or engine)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:54
S9	656	237/12.3A	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:55
S10	66	S9 and thermostat and (vehicle or engine)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:55
S11	44	S10 and fan	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:55
S12	9	S6 and fan	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:55
S13	0	S8 and fan]	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 10:55
S14	5	S8 and fan	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:10

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S15	85	S8 or S10 or S12 or S14	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:13
S16	23	S15 and (abnormal or failure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:13
S17	13	("4381549"   "4432210"   "5115643"   "5123252").PN. OR ("6161767").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:14
S18	29	("4062231"   "4069712"   "4235100"   "4381744"   "4682493"   "4702620"   "4748941"   "5337704"   "5381952"   "5381953"   "5477827"   "5582138"   "5690276"   "5967101"   "6161767"   "6200021"   "6240774"   "6279390"   "6283381"   "6321695"   "6321696").PN. OR ("6386022"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:17
S19	39	("20020088274"   "20020111734"   "4062231"   "4069712"   "4235100"   "4381744"   "4556029"   "4682493"   "4702620"   "4748941"   "5263462"   "5337704"   "5381952"   "5381953"   "5465617"   "5477827"   "5582138"   "5656765"   "5690276"   "5967101"   "6128948"   "6161767"   "6200021"   "6240774"   "6279390"   "6283381"   "6321695"   "6321696"   "6386022"   "6389889"   "6463892"   "6532807"   "6665608").PN. OR ("6725710"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:18
S20	29	("4062231"   "4069712"   "4235100"   "4381744"   "4682493"   "4702620"   "4748941"   "5337704"   "5381952"   "5381953"   "5477827"   "5582138"   "5690276"   "5967101"   "6161767"   "6200021"   "6240774"   "6279390"   "6283381"   "6321695"   "6321696").PN. OR ("6386022"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:21
S21	13	("4381549"   "4432210"   "5115643"   "5123252").PN. OR ("6161767").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:34
S22	320	62/178.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:34

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S23	84	S22 and thermostat	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:34
S24	19	S23 and (abnormal or failure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:34
S25	11	S24 and fan	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:35
S26	39	("20020088274"   "20020111734"   "4062231"   "4069712"   "4235100"   "4381744"   "4556029"   "4682493"   "4702620"   "4748941"   "5263462"   "5337704"   "5381952"   "5381953"   "5465617"   "5477827"   "5582138"   "5656765"   "5690276"   "5967101"   "6128948"   "6161767"   "6200021"   "6240774"   "6279390"   "6283381"   "6321695"   "6321696"   "6386022"   "6389889"   "6463892"   "6532807"   "6665608").PN. OR ("6725710"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:38
S27	1	"6082626".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:38
S28	6	("5497941"   "5678760"   "6032869").PN. OR ("6082626"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:39
S29	2413	Oka.IN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:41
S30	11	S29 and thermostat and (malfunction or abnormal or failure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:41
S31	1266	Nishioka.IN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:41
S32	0	S31 and thermostat and (malfunction or abnormal or failure)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:41
S33	5	S31 and thermostat	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:41
S34	14	("4069712"   "5526871"   "6128948").PN. OR ("6321696"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:42

## EAST Search History

S35	1136	Yeo.IN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:42
S36	4	S35 and thermostat	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:43
S37	0	"Morikawa.IN"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:43
S38	1906	Morikawa.In.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:43
S39	2	S38 and thermostat and (failure or abnormal or malfunction)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:44
S40	29	S38 and thermostat	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:46
S41	323	thermostat.AB, TI. and (abnormal or malfunction or failure) and fan	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:47
S42	80	S41 and (engine or vehicle)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:47
S43	1	"5018484".pn.	USPAT	OR	OFF	2007/03/19 13:23
S44	29	("4062231"   "4069712"   "4235100"   "4381744"   "4682493"   "4702620"   "4748941"   "5337704"   "5381952"   "5381953"   "5477827"   "5582138"   "5690276"   "5967101"   "6161767"   "6200021"   "6240774"   "6279390"   "6283381"   "6321695"   "6321696").PN. OR ("6386022"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 17:19
S45	1	"6279390".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 17:19
S46	1	"6279390".pn.	USPAT	OR	OFF	2007/03/20 12:42